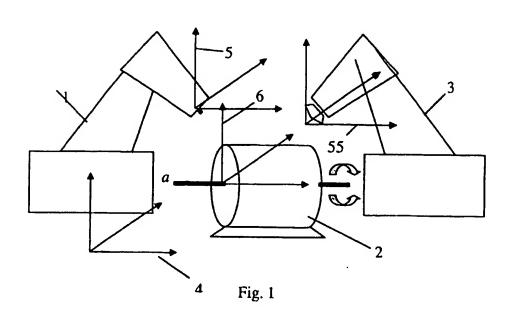
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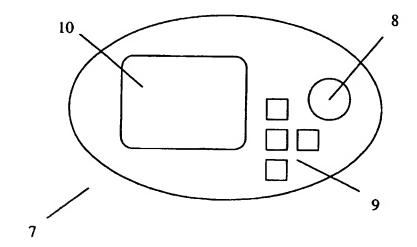


Fig. 2

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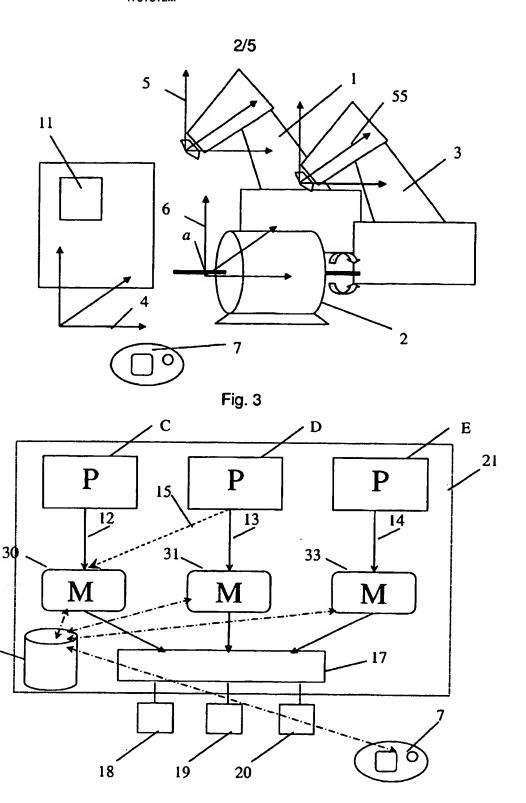


Fig. 4

Inventor: Fortell et al.

Title: SYSTEM OF MANDPULATORS AND
METHOD FOR CONTROLLING SUCH
A SYSTEM

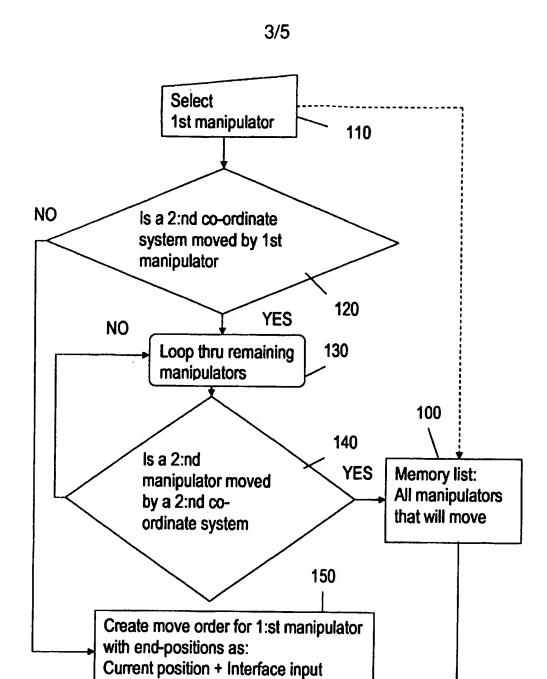


Fig. 5

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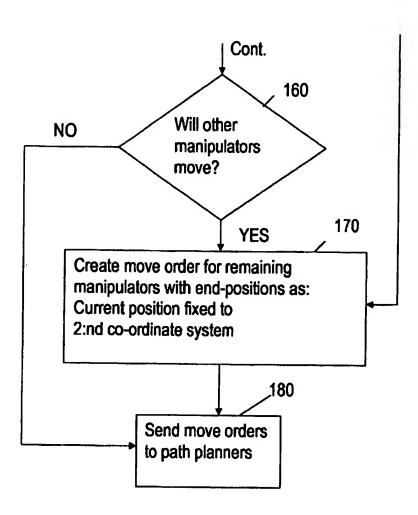


Fig. 5 cont.

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(180)

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Figure 5 shows a flow chart describing the method according to an embodiment of the invention. The method comprises the steps of: Create a memory list for all manipulators that will move. (100)Select first manipulator, go to 100 then 120 (110)Is a second co-ordinate system moved by first manipulator, (120)go to 130 else go to 150. Loop thru remaining manipulators, (130)Is a second manipulator moved by a second co-ordinate system (140) go to 100 else go to 130. Create move order for first manipulator with end-positions as: (150)current position and man-machine interface contribution. Will other manipulators move? Go to 170 else 180, (160)create move order for remaining manipulators (170)with end-positions as: Current position fixed to second co-ordinate system.

Send move orders to path planners.